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FOURTH BI-MONTHLY PROGRESS REPORT  
UNIVERSITY OF ALASKA  
ERTS PROJECT 110-13

March 31, 1973

E73 10404

CR-131140

A. TITLE OF INVESTIGATION: Glaciological and Volcanological Studies  
in the Wrangell Mountains, Alaska

B. PRINCIPAL INVESTIGATOR/GSFC ID: Carl S. Benson/UN 594

C. PROBLEMS IMPEDING INVESTIGATION: None

D. PROGRESS REPORT:

1. Accomplishments during reporting period: New photographic coverage of the Wrangell Mountains became available recently, and we have examined these and ordered copies from World Data Center A-Glaciology. In addition, we have invested some time assembling available photography from field operations at the summit of Mt. Wrangell dating back to 1954. These provide a record of the changes in snow and ice cover since that time. Finally, preparation of mosaics from ERTS imagery is continuing.
2. Plans for next reporting period: We are attempting to conserve the limited funds available for this project until the digital color display unit is installed in the ERTS data library. We anticipate that this will be the most important tool in the data analysis. Thus, we intend to restrict our activities during the next reporting period to further accumulation of data from outside sources.

E. SIGNIFICANT RESULTS: See attached sheet

F. PUBLICATIONS:

Benson, C. S., 1973, Snow Cover Surveys in Alaska from ERTS-1 data; Paper presented at Symposium on Significant Results Obtained from ERTS-1, NASA/GSFC, March 5-9, 1973.

G. RECOMMENDATIONS: None

H. CHANGES IN STANDING ORDER FORMS: None

I. ERTS IMAGE DESCRIPTOR FORMS: None

J. DATA REQUEST FORMS: None

N73-20366

(E73-10404) GLACIOLOGICAL AND  
VOLCANOLOGICAL STUDIES IN THE WRANGELL  
MOUNTAINS, ALASKA Bimonthly Progress  
Report (Alaska Univ., Fairbanks.) 2 p  
HC \$3.00

Unclas  
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DISCIPLINE: Mineral Resources, Geological Structure and Land Form  
Surveys/Water Resources

SUBDISCIPLINE: Volcano Surveys/Glacierr Surveyss

SUMMARY OF SIGNIFICANT RESULTS: None